

Haier

Super Match Multi-Split System

Heat or cool multiple rooms with one outdoor unit.

Model 3U55S2PR1FA (5.5kW)
 Model 4U71S2PR1FA (7.1kW)
 Model 4U80S2PR1FA (8.0kW)

Model 5U100S2PS1FA (10.0kW)

Model 5U125S2PN1FA (12.0kW)



Model/Outdoor unit				3U55S2PR1FA	4U71S2PR1FA	4U80S2PR1FA	5U100S2PS1FA	5U125S2PN1FA
Maximum connected quantity of indoor units				3	4	4	5	5
Performance data	Capacity	Cooling	kW nom	5.5	7.1	8.0	10.0	12.0
			(min-max)	2.1-6.6	2.4-8.7	3.2-9.5	3.2-11	3.2-13.8
		Heating	kW nom	5.8	8.0	8.8	10.0	12.0
			(min-max)	1.7-7.2	3.1-10	4.4-10.5	4.4-11.5	4.4-14.3
	Rated power input	Cooling	kW nom	1.4	2.0	2.4	2.9	3.5
			(min-max)	0.55-2.5	0.55-3.4	0.55-3.5	0.55-4.1	0.55-5.2
		Heating	kW nom	1.4	2.0	2.3	2.4	2.9
			(min-max)	0.55-2.2	0.55-3.1	0.55-3.4	0.55-3.4	0.55-4.3
EER/COP			3.99/4.20	3.64/4.10	3.40/3.91	3.45/4.20	3.40/4.10	
AEER/ACOP			3.86/4.07	3.52/3.97	3.31/3.80	3.37/4.08	3.32/3.98	
Star rating (Hot/Average/Cold)		Cooling	3.5/2.5/2.5	3.0/2.0/2.0	2.5/2.0/2.0	3.0/2.5/2.5	3.0/2.5/2.5	
		Heating	3.0/2.5/2.0	2.5/2.5/2.0	2.5/1.5/1.0	3.0/2.0/1.5	3.0/2.5/1.5	
TCSPF (Hot/Average/Cold)		Residential	5.182/4.404/4.395	4.581/3.915/3.895	4.366/3.798/3.811	4.689/4.098/4.155	4.666/4.084/4.150	
		Commercial	5.656/5.562/5.849	4.977/4.877/5.116	4.729/4.675/4.923	5.103/5.099/5.407	5.081/5.087/5.401	
HSPF (Hot/Average/Cold)		Residential	4.608/4.173/3.601	4.343/4.072/3.698	4.269/3.304/2.764	4.608/3.661/3.080	4.603/4.024/3.405	
		Commercial	4.599/4.324/3.863	4.331/4.158/3.849	4.260/3.725/3.071	4.599/4.071/3.383	4.597/4.258/3.624	
Electrical parameters	Power supply		Ph/V/Hz	1/220-240/50/60				
	Rated Load Amps (RLA)	Cooling	Amp	6.1/6.1	8.7/8.7	10.5/10.1	12.9/10.6	15.5/12.8
		Heating	Amp	10.8/9.5	14.7/13.5	15.5/14.6	18.2/14.6	23.0/18.7
	Breaker Size		Amp	25				
Performance	Air flow (H/M/L)		m³/h	3000	4000	4200		
	Sound power level (H/M/L)		dB(A)	64	68	70	73	
	Sound pressure level (H/M/L)		dB(A)	51	55			58
Installation	External dimensions (W/D/H)		mm	890x340x700			920x372x760	950x370x965
	Shipping dimensions (W/D/H)		mm	1010x455x835			1045x488x890	1050x485x1170
	Net/Shipping weight		kg	50/59	61/70	66/77	79/91	
	Compressor type			Twin Rotary (DC Inverter)				
	Refrigerant type/charge			R32/1.4	R32/2.2	R32/2.4	R32/2.5	
	GWP			675				
	Refrigerant liquid pipe		mm	3xØ6.35	4xØ6.35	5xØ6.35		
	Refrigerant gas pipe		mm	3xØ9.52	3xØ9.52 + 1xØ12.7	3xØ9.52 + 2xØ12.7		
	Total pipe length (Max)		m	50	70	80	100	
	Single pipe length (Max)		m	25				
	Max height between I.U. & O.U		m	15				
	Max height between I.U. & I.U		m	7.5				
Pre-charge length		m	30	40	50			
Additional refrigerant charge		g/m	20					
Working temp.	Cooling (Min-Max)		°C	-10 to +46				
	Heating (Min-Max)		°C	-15 to +24				

Wall-Mounted Specifications

Model AS20PBDHRA (2.0kW)
 Model AS26PBDHRA (2.5kW)
 Model AS35PBDHRA (3.5kW)
 Model AS53PDDHRA (5.0kW)
 Model AS71PDDHRA (7.0kW)

Model YR-HE
 (Included as standard)



Model/Indoor unit		AS20PBDHRA	AS26PBDHRA	AS35PBDHRA	AS53PDDHRA	AS71PDDHRA	
Capacity Electrical	Cooling	kW nom	2.0	2.5	3.5	5.0	
	Heating	kW nom	2.3	3.0	3.7	5.5	
	Sensible heat ratio (cooling)	W	0.76				
	Dehumidifying capacity (cooling)	10 ⁻³ x m³/h	1	1.2	1.6	3	
	Power supply	Ph/V/Hz	1/220-240/50				
Indoor unit	Air flow (H/M/L/Q)		m³/h	560/480/350	560/480/350	650/550/450	950/830/710
	External dimensions (WxDxH)		mm	805x200x292			970x220x320
	Shipping dimensions (WxDxH)		mm	874x363x270			1035x285x285
	Drainage Pipe (material, I.D./O.D)		mm	PVC, 13/17			
	Control type (Remote/Wired)			Remote YR-HE(S) / Wired YR-E17A(O)			
	Wi-Fi			(S)			
	Sound power level (H/M/L)		dB(A)	58	58	660	66
	Sound pressure cool (H/M/L)		dB(A)	40/36/32/21	40/36/32/21	40/36/32/22	47/43/37/33
Piping	Net/Shipping weight		kg	8.7/10.7		11.6/13.8	
	Refrigerant type		kg	R32			
	Refrigerant liquid pipe		mm	6.35 (¼)			
	Refrigerant gas pipe		mm	9.52 (¾)		12.7 (½)	
	Connecting Method			YR-HG			

Optional controllers

Model YR-E17A



Model YR-E16B



Slim Ducted Specifications

Model AB25S2PS1FA (2.5kW)
 Model AB35S2PS1FA (3.5kW)
 Model AD50S2PS1FA (5.0kW)
 Model AD71S2PS1FA (7.1kW)

Model YR-E17A
 (Included as standard)



Model/Indoor unit			AD25S2PS1FA	AD35S2PS1FA	AD50S2PS1FA	AD71S2PS1FA
Capacity electrical	Cooling	kW nom	2.5	3.5	5.0	7.1
	Heating	kW nom	3.0	4.0	5.5	7.5
	Sensible heat ratio (cooling)	W	0.71			
	Dehumidifying capacity (cooling)	10 ⁻³ x m ³ /h	1.0	1.5	2.2	3.0
	Power supply	Ph/V/Hz	1/220 - 240/50			
Indoor unit	Air flow (H/M/L/Q)	m ³ /h	530/460/390/330	600/480/420/350	900/750/600	1000/850/750
	External static pressure	pa	0/10/20/40	0/10/20/40	0/10/20/40	0/10/20/40
	External dimensions (L/W/H)	mm	850x420x185		1170x420x185	
	Shipping dimensions (L/W/H)	mm	1045x530x260		1365x530x260	
	Drainage Pipe (material. I.D./O.D.)	mm	PVC 27/31			
	Control type (Remote/Wired)		Remote YR-HQS01(O) Wired YR-E17A(S)			
	W-Fi		(O)			
	Sound power level (H/M/L)	dB(A)	50 (51)	53 (51)	54 (54)	57(57)
	Sound pressure cool (H/M/L)	dB(A)	29/28/25	33/28/25	36/34/32	46/44/42
	Net/Shipping weight	kg	16/21		22/28	
Panel	Model		P1B-890IA/D	P1B-890IA/D	P1B-1210IA/D	P1B-1210IA/D
	External dimensions (WxDxH)	mm	890/190/100 (outlet panel) / 890/290.5/32.4 (inlet panel)		1210/190/100 (outlet panel) / 1210/290.5/32.4 (inlet panel)	
	Shipping dimensions (WxDxH)	mm	938x335x220		1258x335x220	
	Net/Shipping weight	kg	4/5		5/6	
Piping	Refrigerant type		R32			
	Refrigerant liquid pipe	mm	Ø6.35 (¼)		Ø9.52 (¾)	
	Refrigerant gas pipe	mm	Ø9.52		Ø12.7	Ø15.88
	Connecting Method		Flared			

Optional controllers
 (Both receiver and wireless remote must be purchased for wireless remote control operation)

Model RE-02



Model YR-HRS01



4 Way Cassette Specifications

Model AB25S2PC1FA (2.5kW)
 Model AB35S2PC1FA (3.5kW)
 Model AB50S2PC1FA (5.0kW)

Model AB71S2PC1FA (7.1kW)

Model YR-HQS01
 (Included as standard)



Model/Indoor unit			AB25S2PC1FA	AB35S2PC1FA	AB50S2PC1FA	AB71S2PC1FA
Capacity electrical	Cooling	kW nom	2.6	3.5	5.0	7.1
	Heating	kW nom	3.2	4.0	5.5	8.0
	Sensible heat ratio (cooling)	W	0.71			
	Dehumidifying capacity (cooling)	10 ⁻³ x m ³ /h	1.0	1.5	2.2	3.0
	Power supply	Ph/V/Hz	1/220 - 240/50			
Indoor unit	Air flow (H/M/L/Q)	m ³ /h	560/450/390/330 (620/520/450/350)	650/520/450/350	700/600/500/400	1260/1070/820/680
	External dimensions (WxDxH)	mm	570/570/260			840/840/240
	Shipping dimensions (WxDxH)	mm	718/680/380			930/930/330
	Drainage Pipe (material. I.D./O.D.)	mm	PVC 26/32			
	Control type (Remote/Wired)		Remote YR-HQS01(S) Wired YR-E17A(O)			
	Wi-Fi		(O)			
	Fresh air hole dimension		95			
	Sound power level (H/M/L)	dB(A)	50	52	55	
	Sound pressure cool (H/M/L)	dB(A)	38/25/23	36/33/30/27	42/37/35/32	42/40/38/35
	Net/Shipping weight	kg	17/20	18.5/22		25.5/30.5
Panel	Model		PB-620KB		PB-950KB	
	External dimensions (WxDxH)	mm	620/620/60		950/950/50	
	Shipping dimensions (WxDxH)	mm	660/660/115		1013/1025/123	
	Net/Shipping weight	kg	2.8/4.5		6.5/9.5	
Piping	Refrigerant type		R32			
	Refrigerant liquid pipe	mm	Ø6.35		Ø9.52	
	Refrigerant gas pipe	mm	Ø9.52	Ø12.7	Ø15.88	
	Connecting Method		Flared			

Optional controllers

Model YR-E17A



Model YR-E16B



